

CLAIMS

1. A control handle for manipulator intended to control at least one electrohydraulic device (3, 4), particularly for an item of public works machinery, comprising:
- a casing (5) which delimits a cavity (6) within it,
 - at least one set point generator comprising generator means (8) to deliver a set point signal and which are situated in the cavity of the casing, and cursor-forming means (9) which are situated on the surface of the casing and which are intended to be actuated by an operator, the value of the delivered set point signal being relative to the movement of the cursor-forming means (9) to control the electrohydraulic device (3, 4),
- characterized in that the handle also comprises a power electronic circuit board (15) which is integrated into the cavity (6) of the casing (5), this circuit board (15) converting the set point signal into a power signal whose power is greater than the power of the set point signal and which is intended to be delivered to the electrohydraulic device (3, 4).
2. The control handle as claimed in claim 1, characterized in that the movement of the cursor-forming means (9) of the set point generator (7) is independent of the movement of the handle (1).
3. The control handle as claimed in claim 1 or 2, characterized in that the movement of the cursor-forming means (9) is linear.
4. The control handle as claimed in claim 1 or 2, characterized in that the movement of the cursor-forming means (9) is rotary.

5. The control handle as claimed in any one of claims 1 to 4, characterized in that the value of the set point signal is proportional to the movement of the cursor-forming means (9).

6. The control handle as claimed in any one of claims 1 to 5, characterized in that the electrohydraulic device (3, 4) comprises a pressure reducer.

7. The control handle as claimed in any one of claims 1 to 6, characterized in that the power signal delivered by the handle (1) is of the pulse width modulation type.

8. The control handle as claimed in any one of claims 1 to 6, characterized in that the power signal delivered by the handle (1) is of the prescribed superposition type.